

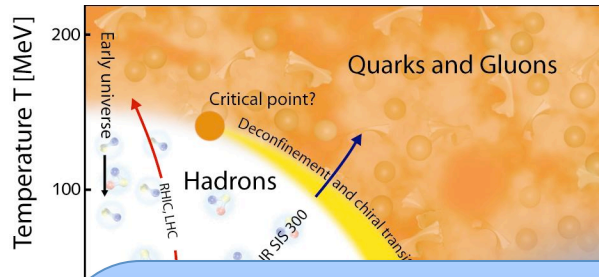
Remarks on FMS Review

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STAR Physics Focus



1) At 200 GeV top energy

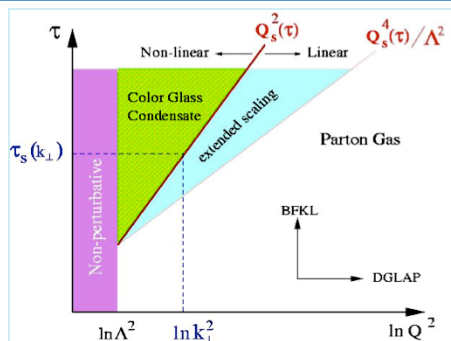
- Study **medium properties, EoS**
- pQCD in hot and dense medium

2) RHIC beam energy scan

FMS

FMS: Important for the QCD program at STAR (RHIC)!

FMS



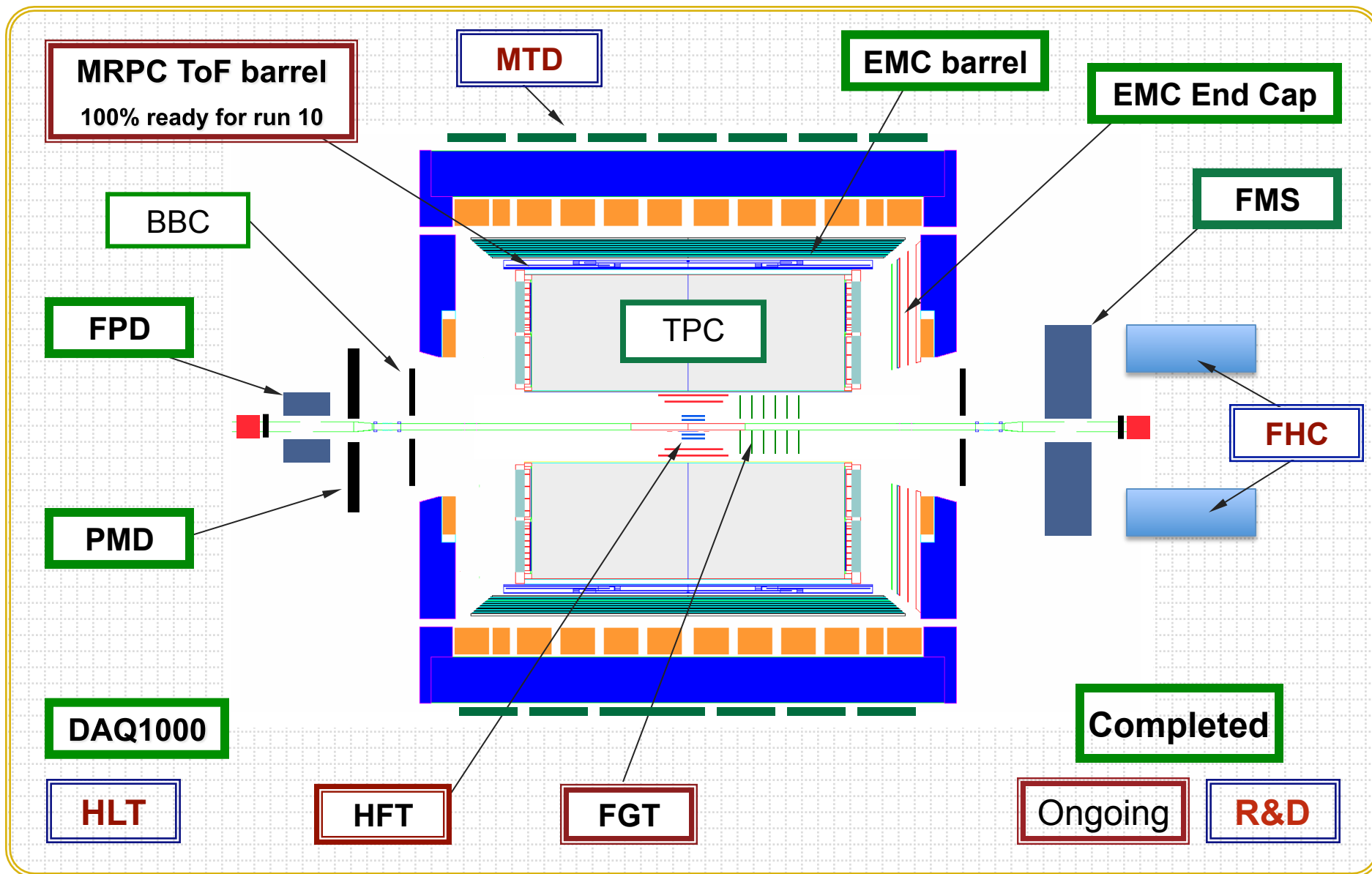
Forward program

- Study low-x properties, search for **CGC**
- Study elastic (inelastic) processes (pp2pp)
- Investigate **gluonic exchanges**

FMS



STAR Detector





Charges to the Committee

The STAR Forward Meson Spectrometer (FMS) project has now completed construction and has gained significant experience running the detector. To aid in ***full integration of the FMS into the STAR experiment***, the Review Committee is charged by the STAR Spokesperson to carry out a comprehensive review of the FMS subsystem, including the following:

- 1) hardware status, performance, *run8 dAu data analysis, for example*, and upgrade requirements
- 2) online calibration
- 3) integration into STAR DAQ, Trigger, Slow Controls, and Online Databases
- 4) offline software status and integration into STAR Offline systems
- 5) subsystem management and organization